Package ‘randomcolorR’

November 24, 2019

Type Package
Title Generate Attractive Random Colors
Version 1.1.0.1
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Author Ron Ammar
Maintainer Ron Ammar <ron.ammar@gmail.com>
Description Simple methods to generate attractive random colors. The random
colors are from a wrapper of ‘randomColor.js’
<https://github.com/davidmerfield/randomColor>. In addition, it also generates
optimally distinct colors based on k-means (inspired by ‘IWantHue’
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BugReports https://github.com/ronammar/randomcolorR/issues
LazyData TRUE
RoxygenNote 6.0.1
Imports colorspace, stringr, V8, stats, methods, scales, Rtsne,
grDevices, cluster
NeedsCompilation no
Repository CRAN
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R topics documented:

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distinctColorPalette  
*Generate palettes of optimally distinct colors.*

**Description**


**Usage**

```
distinctColorPalette(k = 1, altCol = FALSE, runTsne = FALSE)
```

**Arguments**

- `k`: number of colors (>= 1). May be ineffective for k > 40.
- `altCol`: Use an alternate color space
- `runTsne`: Preprocess color space with t-SNE to obtain distinct colors. Reduces performance.

**Value**

A character vector of k optimally distinct colors in hexadecimal codes.

randomColor  
*Get a pretty random color.*

**Description**

Get a pretty random color.

**Usage**

```
randomColor(count = 1, hue = c(" ", "random", "red", "orange", "yellow", "green", "blue", "purple", "pink", "monochrome"), luminosity = c(" ", "random", "light", "bright", "dark"))
```

**Arguments**

- `count`: number of colors (>= 1)
- `hue`: The hue of the colors to be selected.
- `luminosity`: The luminosity of the colors to be selected.

**Value**

A character vector of random color hexadecimal codes.
randomColor

Examples

randomColor()

randomColor(hue="pink")

randomColor(10, luminosity="light")
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